GCG Copy

GOLIAD COUNTY GROUNDWATER CONSERVATION DISTRICT

P. O. BOX 562 GOLIAD, TEXAS 77963

Phone -361-645-1716 fax - 361-645-1772 email - gcgcd@goliad.net

Board of Directors
Art Dohmann – President
Joe Kowalski – Vice-President
Barbara Smith – Secretary/Treasurer
Directors – John Dreier, John B. Duke, Wesley Hall, Randie Irwin
General Manager – Barbara Smith

July 9, 2007

Melvin Hodgkiss, P.E., Director
Surface Mining and Reclamation Division
Railroad Commission of Texas
1701 North Congress Avenue
P. O. Box 12967
Austin, TX 78711-2967

Dear Mr. Hodgkiss,

Goliad County Groundwater Conservation District has been closely monitoring groundwater quality and quantity in the vicinity of Uranium Energy Corporation's uranium exploration activities in Goliad County under Uranium Exploration Permit Number 123.

GCGCD initiated the taking of the first baseline water samples dating back to October 27, 2006. Since that date, GCGCD has tested and retested a large number of wells around and down-dip of the exploration activity. GCGCD identified three wells (data attached) with high radionuclides immediately down-dip of the exploration activity. It is noted that these wells had unacceptable levels of uranium decay products but uranium levels were very low or not detected.

In April 2007, five residences up-dip of the above noted exploration activities started experiencing water quality issues as noted in the attached report titled "Groundwater Quality", along with test data and photographs.

GCGCD would appreciate an evaluation and further investigation by the Railroad Commission of Texas of these conditions along with implementing appropriate action. GCGCD will continue its monitor and testing program and is available to provide additional assistance to the Commission.

By copy of this letter we invite the named landowners to write the Texas Railroad Commission a descriptive letter explaining their observations.

We are emailing you a PDF file of the "Evaluation of Potential Impacts Related to Proposed Uranium Mining in Goliad County, Texas" model prepared by Daniel B. Stephens & Associates, Inc. This model raises a number of questions about the suitability of the Gulf Coast Aquifer in the current uranium exploration area for exploration or mining uranium.

Sincerely,

Art Dohmann, President

Goliad County Groundwater Conservation District

cc: J. B. Blackburn, Jr. Attorney

Steven G. Paulsgrove, Attorney

Uranium Research & Advisory Committee – Goliad County

Aldon Bade

Tom and Mary Anklam

Gene and Reta Brown

Craig Duderstadt

Ted Long

RE: Groundwater Quality

May 30, 2007
June 1, 2007
June 26, 2007
July 5, 2007

In the first two weeks of April 2007, Goliad County Groundwater Conservation District was advised of five individual residences that were experiencing plugged water filters and discolored water. These residences are in close proximity to each other in the Weser area and are all up-dip of the uranium exploration borehole drilling activity.

The uranium exploration activity by UEC started in July of 2006. The exploration borehole activity started in the Bluntzer Road area and progressed westward. The 4th quarter of 2006 and 1st quarter of 2007 saw extensive borehole drilling on the Abrameit, Stanford and Braquet properties which are adjacent to and down-dip of the above referenced five wells that experienced water problems.

Three of the wells at the Bade, Brown, and Anklam residences experienced a reddish coloration in their household water. The Long residence experienced a red deposit in the toilet bowl. Filters at the Bade, Anklam and Brown residences had a heavy reddish stain. At the Duderstadt residence, they experienced a high frequency of a plugged filter with a gray slimy residue and sand and iron residue in the filter bowl.
Unfiltered water from the above noted five wells was tested with samples taken on the following dates:

Tom Anklam:
12-18-06 by UEC
12-18-06 by GCGCD
4-26-07 by GCGCD

Aldon Bade:
12-19-06 by UEC
4-26-07 by GCGCD

Reta Brown:
1-3-07 by UEC
4-26-07 by GCGCD

Craig Duderstadt (new well):
12-15-06 by UEC
12-15-06 by GCGCD
4-26-07 by GCGCD

Ted Long:
12-18-06 by UEC
12-18-06 by GCGCD
4-26-07 by GCGCD

Comparing the test data of the last with the first samples taken yields the following observations:

Tom Anklam:
Sulfate increased from 38 to 47 mg/L
Sodium increased from 99 to 124 mg/L
The filter had been recently changed. Analysis of water from the filter housing had a concentration of 5.55 mg/L iron.

Aldon Bade:
Chloride increased from 178 to 190 mg/L
Sulfate increased from 60 to 70 mg/L
Iron increased from <.01 to 0.678 mg/L
Sodium increased from 105 to 128 mg/L

Reta Brown:
Iron increased from .03 to .056 mg/L

Craig Duderstadt:
Chloride increased from 95 to 110 mg/L
Sulfate increased from 27 to 42 mg/L
Nitrate increased from 11 to 12.5 mg/L
Calcium increased from 135 to 169 mg/L
Sodium increased from 68 to 84 mg/L
Magnesium increased from 8.3 to 9.22 mg/L

Ted Long:
There were no significant changes

Exploration borehole drilling was discontinued the week of April 22, 2007, the same week that the last water samples were taken. By the end of April, 2007 the 5 residences reported that their water problems had stopped.

At the Craig Duderstadt residence there are two wells approximately 40 feet apart. The older shallow well is 70-80 feet in depth. The new well drilled in February, 2004 is 130 feet deep. The Duderstadt's were using the older (shallow) well for their domestic supply and the new well was used originally for oil and gas exploration and more recently for livestock supply. Both wells were sampled and tested on 12-15-06. Because of the better water quality of the deeper well, the Duderstadt's switched to the deeper well for their domestic use. During the taking of samples and other visits to observe their water problems, water levels were taken of the two wells.

They are as follows:

DATE	OLD WELL	DATE	NEW WELL
12-15-06	48' deep	3-29-07	59' deep
Early April, 2007	51' deep	4-15-07	58'deep
4-26-07	50.8' deep	5-2-07	52.8' deep
5-26-07	50.8' deep	5-26-07	52.55' deep
6-30-07	50.9'deep	6-30-07	53.0' deep

Along with a drastic change in water quality there was a significant to drastic change in water levels. The water level in the deeper well has shown a 5.45 foot recovery in one month since borehole drilling has stopped. The older well dropped three feet in level during extensive borehole drilling immediately down dip and has now stabilized.

What is the cause of this significant change in water quality and water level? There is insufficient data at this time to draw a definitive conclusion however future drilling and water quality and level changes will be closely monitored. One theory is that the increased boreholes acted as conduits to drain the water from the upper sands to the lower sands during the time that the boreholes were open before they were plugged. This draining of the water from the upper sands to the lower sands dropped the water level in a localized area causing a high localized flow at the five up dip wells that experienced water problems. This high flow brought with it dirty water that

did not get cleansed in the sand aquifer as it would during normal lower flow velocities.

On May 3, 2007, Murphy Hawkins, Jr. Geologist with the Railroad Commission of Texas made a visit to the Duderstadt residence. He observed the dirty filters and filter bowl residue sample. He stated that the RRC had no jurisdiction.

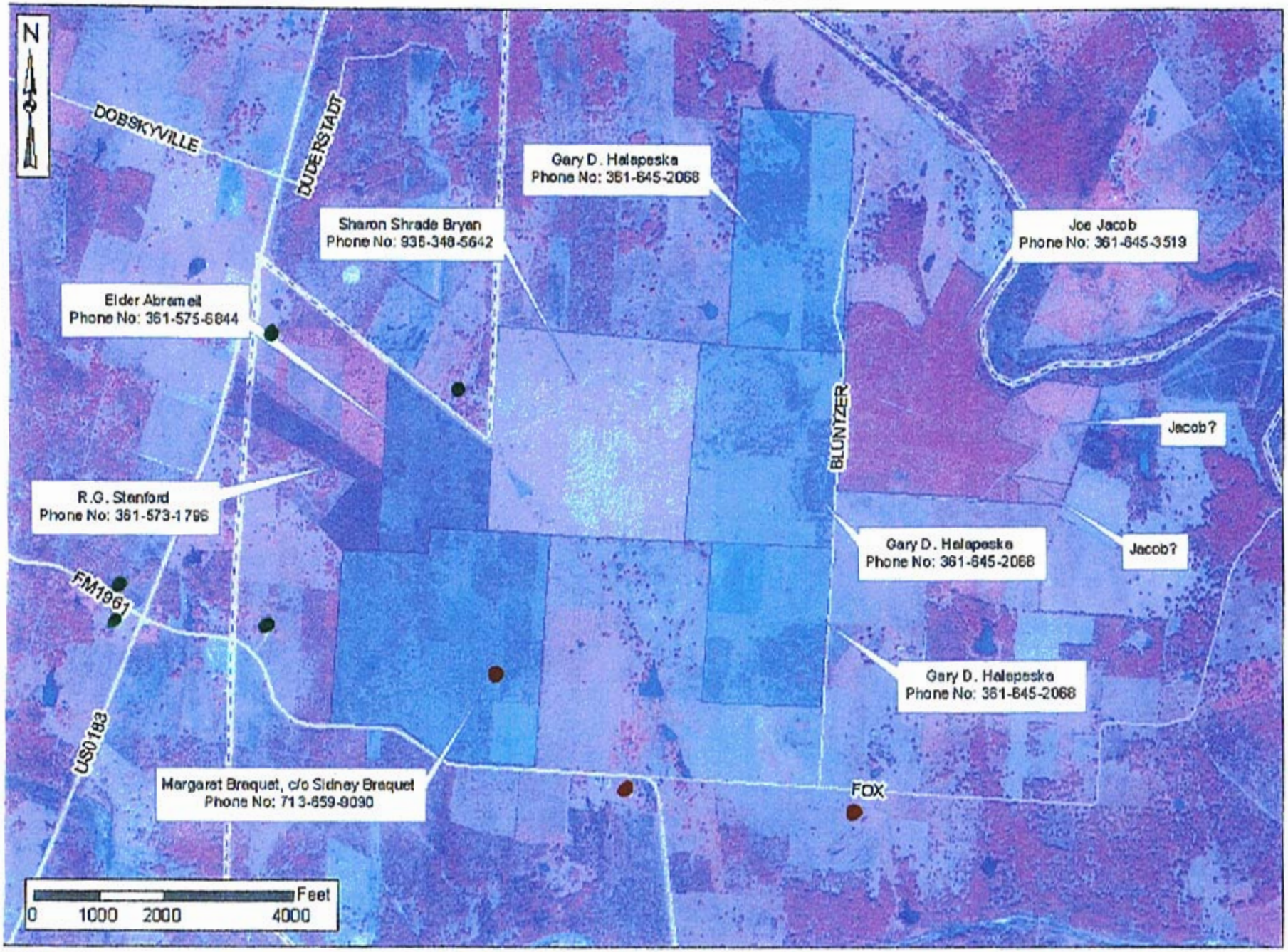
June 25, 2007:

Exploration borehole drilling resumed around the middle of May 2007 and has increased some with 3-4 rigs currently in operation scattered around the exploration permit area.

A check with the residents of the five listed wells shows that the water discoloration and dirty filter issues have reappeared in the last two weeks. The severity at this time is less than that encountered in April 2007.

Art Dohmann, President, GCGCD

JEC Uranium Exploration Permit No. 123 Landowners



● DIRTY WATER WELLS

● HIGH RADIONUCLIDES

GPS locations for wells discussed in letter

Craig Duderstadt - 28°52.528N 97°21.114W

Ted Long – 28°51.908N 97°21.716W

Thomas Anklam – 28°52.577N 97°21.741W

Reta Brown – 28°52.172N 97°22.435W

Aldon Bade – 28°51.954N 97°22.199W

Roman Bethke – 28°51.483N 97°20.631W

Sidney Braquet – 28°51.724N 97°20.950W

Paul Breedan, Jr. - 28°51.408N 97°19.975W

GROUND WATER ANALYSIS REPORT-IN SITU MINING-URANIUM

COMPANY: URANIUM ENERGY CORPORATION REPORT DATE: February 14, 2007
IDENTIFICATION: Reta Brown #1
0850 1-3-07
LABORATORY: JORDAN LABORATORIES, INC.

MAJOR AND SECONDARY CONSTITUENTS

ITEM	MG/L	EPM	CONDUCTANCE	%EPM
CALCIUM(CA)	105	5.24	272.48	46.09
MAGNESIUM(MG)	19	1.56	72.70	13.72
SODIUM(NA)	103	4.48	219.07	39.40
POTASSIUM(K)	3.6	0.09	6.48	0.79
	TOTAL CATION	11.37		
CARBONATE(CO3)	0	0.00	0.00	0.00
BICARBONATE(HCO3)	303	4.97	216.69	45.93
SULFATE(SO4)	37	0.77	56.90	7.12
CHLORIDE(CL)	180	5.08	385.57	46.95
NITRATE(NO3-N)	1.6			
FLUORIDE(F)	0.57	TOTAL	1229.90	
SILICA(SIO2)	38			
	TOTAL ANION	10.82		
TOTAL ION	791			

TDS(180 C)	693
TOT ION-0.5 HCO3=	639
EC(25 C)	1110 UMHOS
EC(DIL)= 97.6 X 12.5 =	1220 UMHOS
ALK. AS CACO3	248
PH	7.35

ACCURACY CHECK

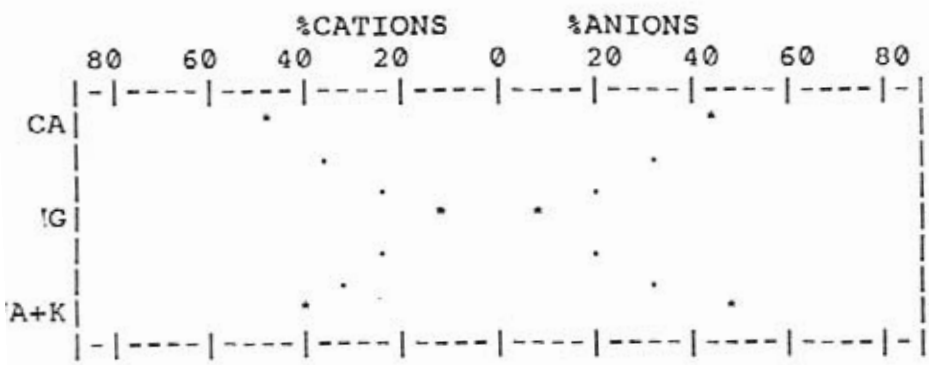
		RANGE
ION	1.051	(.96 TO 1.04)
TDS	1.084	(.90 TO 1.10)
EC	0.992	(.95 TO 1.05)

RADIATION-PICOCURIES/LITER

GROSS ALPHA		+/-	
GROSS BETA		+/-	
RADIUM 226	0.4	+/-	0.1

MINOR AND TRACE CONSTITUENTS

ITEM	MG/L	ITEM	MG/L	ITEM	MG/L
ARSENIC(AS)	0.002	MANGANESE(MN)	<0.01	VANADIUM(V)	
BARIUM(BA)		MERCURY(HG)	<0.0002	ZINC(ZN)	
CADMIUM(CD)	<0.0001	MOLY.(MO)	<0.1	BORON(B)	
CHROM.(CR)		NICKEL(NI)		AMMONIA-N	<0.1
COPPER(CU)		SELENIUM(SE)	0.002		
IRON(FE)	0.03	SILVER(AG)			
LEAD(PB)	<0.001	URANIUM(U)	0.002		



NOTE: QC Documnetation is on File at Jordan Labs in Corpus Christi, TX

CHECKED BY:

LAB.NO:M45-028

B Environmental

2713 Houston Hwy
Victoria, Texas 77901

ph:(361) 572-8224
Fax:(361) 572 4115

B E Sample #: **105400**
Project Name: Brown
Sample Location: Well
Sample Date: 04/26/2007
Sample Time: 10:22

Company: Goliad County Ground Water Dist.
Contact: Art Dohmann
Address: P O Box 562
Goliad TX 77963-0562

	results*	SDWA[1]	Method
pH (units)[3]	6.85	6.5-8.5	*SM 4500-H+B*
Electrical Conductivity (umhos/cm)	1,032	NECL	*EPA 120.1*
Total Dissolved Solids[3]	516	500	*by meter*
Chloride[3]	184	250	*EPA 325.3*
Fluoride[2]	0.8	4.0	*Hach 8029*
Nitrate[2]	1.0	10	*Hach 8171*
Phosphate	0.37	NECL	*Hach 8048*
Sulfate[3]	46	250	*EPA 375.4*
Total Hardness	332	NECL	*SM 2340B*

	results*	SDWA[1]	Method
Arsenic[2]	<0.02	0.050	*EPA 200.7*
Barium[2]	0.094	2.000	*EPA 200.7*
Cadmium[2]	<0.002	0.005	*EPA 200.7*
Chromium[2]	<0.005	0.100	*EPA 200.7*
Copper[2]	0.006	1.300**	*EPA 200.7*
Iron[3]	0.056	0.300	*EPA 200.7*
Lead[2]	<0.01	0.015**	*EPA 200.7*
Mercury[2]	<0.0002	0.002	*EPA 245.1*
Selenium[2]	<0.03	0.050	*EPA 200.7*
Silver[3]	<0.007	0.100	*EPA 200.7*
Calcium	103	NECL	*EPA 200.7*
Magnesium	18.1	NECL	*EPA 200.7*
Sodium	118	NECL	*EPA 200.7*
Aluminum[3]	<0.01	0.05-0.2	*EPA 200.7*

** Results in mg/L (ppm), unless otherwise noted.*
*** Action Level.*
1 - Safe Drinking Water Act, Maximum Contaminant Level. Water supplied by municipal source.
2 - National Primary Drinking Water Standards (enforceable).
3 - National Secondary Drinking Water Standard (not enforceable).
NECL - No established contaminant level.

Approved By:

Kevin C. Baros
General Manager

Test procedures used for this study were conducted in accordance with state and federal methods. However, the results contained on this report are for screening purposes only. If test results are outside of accepted SDWA guidelines, further testing may be requested. Contact your local county extension office or B Environmental with inquiries.

GROUND WATER ANALYSIS REPORT-IN SITU MINING-URANIUM

COMPANY: URANIUM ENERGY CORPORATION REPORT DATE: JANUARY 26, 2007
IDENTIFICATION: Aldon Bade #1 HOUSE
12/19/06 @ 1005 Hr.
LABORATORY: JORDAN LABORATORIES, INC.

MAJOR AND SECONDARY CONSTITUENTS

ITEM	MG/L	EPM	CONDUCTANCE	%EPM
CALCIUM(CA)	110	5.49	285.48	46.88
MAGNESIUM(MG)	19	1.56	72.70	13.32
SODIUM(NA)	105	4.57	223.47	39.03
POTASSIUM(K)	3.6	0.09	6.48	0.77
	TOTAL CATION	11.71		
CARBONATE(CO3)	0	0.00	0.00	0.00
BICARBONATE(HCO3)	312	5.11	222.80	44.90
SULFATE(SO4)	60	1.25	92.38	10.98
CHLORIDE(CL)	178	5.02	381.02	44.11
NITRATE(NO3-N)	1.3			
FLUORIDE(F)	0.51	TOTAL	1284.32	
SILICA(SIO2)	40			
	TOTAL ANION	11.38		

TOTAL ION 829

TDS(180 C)	685
TOT ION-0.5 HCO3=	673
EC(25 C)	1160 UMHOS
EC(DIL)=103.2 X 12.5 =	1290 UMHOS
ALK. AS CACO3	256
PH	7.39

ACCURACY CHECK

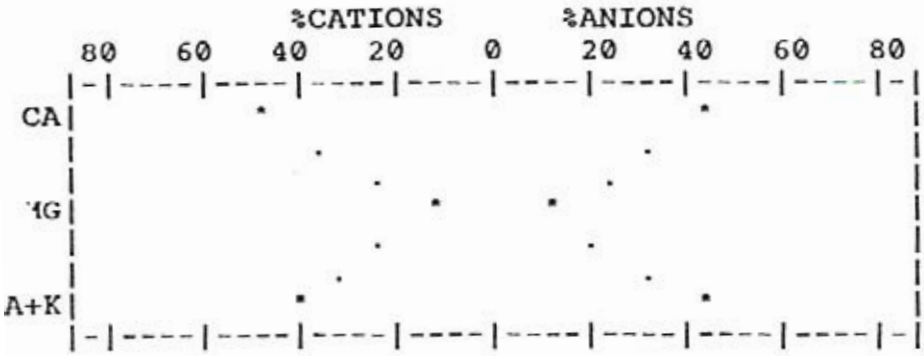
		RANGE
ION	1.029	(.96 TO 1.04)
TDS	1.017	(.90 TO 1.10)
EC	1.004	(.95 TO 1.05)

RADIATION-PICOCURIES/LITER

GROSS ALPHA		+/-	
GROSS BETA		+/-	
RADIUM 226	0.6	+/-	0.1

MINOR AND TRACE CONSTITUENTS

ITEM	MG/L	ITEM	MG/L	ITEM	MG/L
ARSENIC(AS)	0.002	MANGANESE(MN)	<0.01	VANADIUM(V)	
BARIUM(BA)		MERCURY(HG)	<0.0002	ZINC(ZN)	
CADMIUM(CD)	<0.0001	MOLY.(MO)	<0.1	BORON(B)	
CHROM.(CR)		NICKEL(NI)		AMMONIA-N	<0.1
COPPER(CU)		SELENIUM(SE)	0.001		
IRON(FE)	<0.01	SILVER(AG)			
LEAD(PB)	<0.001	URANIUM(U)	0.002		



NOTE: QC Documnetation is on File at Jordan Labs in Corpus Christi, TX

CHECKED BY:

LAB.NO:M44-3805

B Environmental

2713 Houston Hwy
Victoria, Texas 77901

ph:(361) 572-8224
Fax:(361) 572 4115

B E Sample #: **105399**
Project Name: Bade
Sample Location: Well
Sample Date: 04/26/2007
Sample Time: 10:10

Company: Goliad County Ground Water Dist.
Contact: Art Dohmann
Address: P O Box 562
Goliad TX 77963-0562

	results*	SDWA [1]	Method
pH (units)[3]	6.85	6.5-8.5	*SM 4500-H+B*
Electrical Conductivity (*u*mhos/cm)	1,134	NECL	*EPA 120.1*
Total Dissolved Solids[3]	566	500	*by meter*
Chloride[3]	190	250	*EPA 325.3*
Fluoride[2]	0.6	4.0	*Hach 8029*
Nitrate[2]	0.9	10	*Hach 8171*
Phosphate	0.39	NECL	*Hach 8048*
Sulfate[3]	70	250	*EPA 375.4*
Total Hardness	370	NECL	*SM 2340B*

	results*	SDWA [1]	Method
Arsenic[2]	<0.02	0.050	*EPA 200.7*
Barium[2]	0.070	2.000	*EPA 200.7*
Cadmium[2]	<0.002	0.005	*EPA 200.7*
Chromium[2]	<0.005	0.100	*EPA 200.7*
Copper[2]	<0.005	1.300**	*EPA 200.7*
Iron[3]	0.678	0.300	*EPA 200.7*
Lead[2]	<0.01	0.015**	*EPA 200.7*
Mercury[2]	<0.0002	0.002	*EPA 245.1*
Selenium[2]	<0.03	0.050	*EPA 200.7*
Silver[3]	<0.007	0.100	*EPA 200.7*
Calcium	117	NECL	*EPA 200.7*
Magnesium	19.0	NECL	*EPA 200.7*
Sodium	128	NECL	*EPA 200.7*
Aluminum[3]	<0.01	0.05-0.2	*EPA 200.7*

** Results in mg/L (ppm), unless otherwise noted.*
*** Action Level.*
1 - Safe Drinking Water Act, Maximum Contaminant Level. Water supplied by municipal source.
2 - National Primary Drinking Water Standards (enforceable).
3 - National Secondary Drinking Water Standard (not enforceable).
NECL - No established contaminant level.

Approved By:

Kevin C. Baros
General Manager

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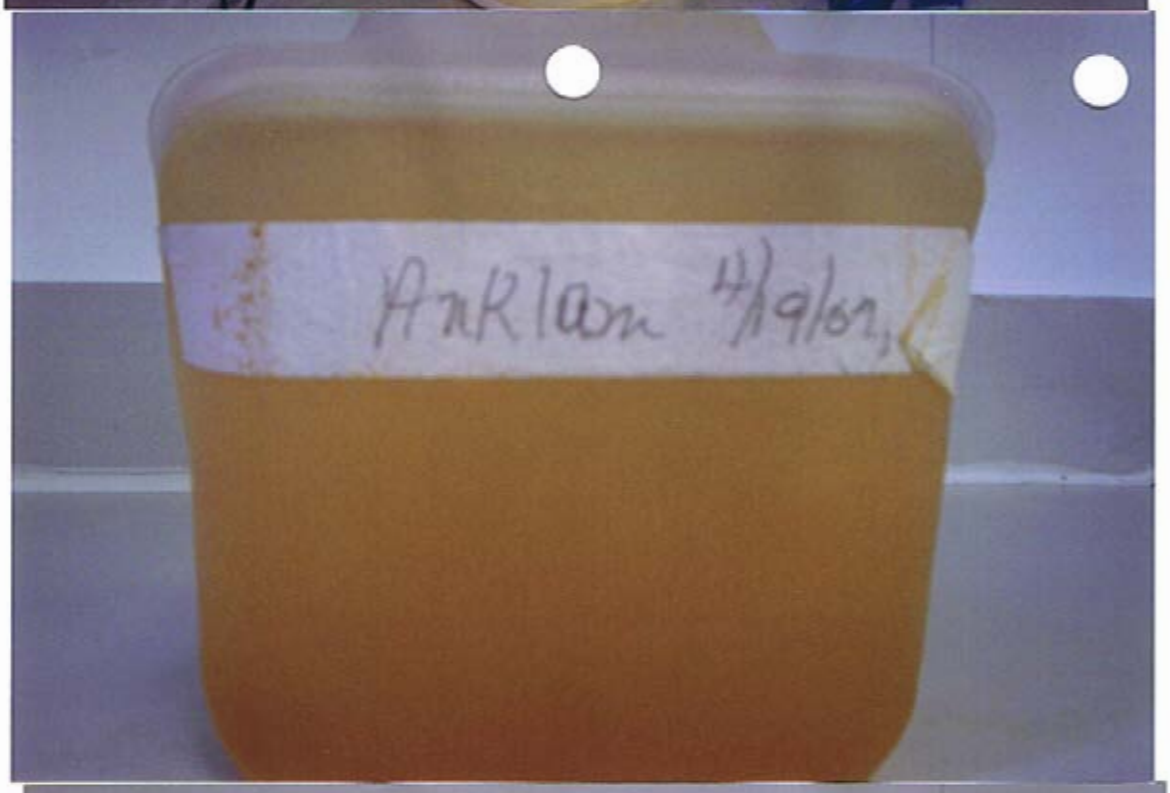
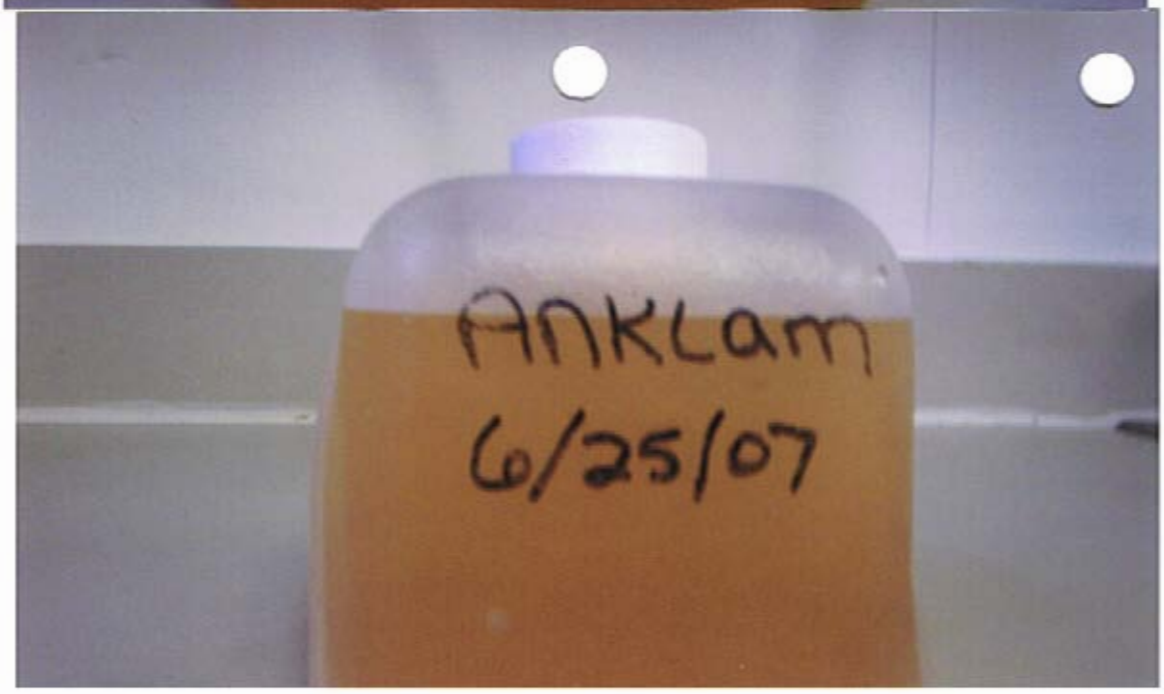
ANKLAM
4-07


ANKLAM 4/19/07


ANKLAM
6/25/07

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Water Study
Lab ID: C06120920-003
Client Sample ID: AA18479B-G Well 11 Oakleaf House well

Report Date: 01/17/07
Collection Date: 12/18/06 12:10
DateReceived: 12/20/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	129	mg/L		1		A4500-Cl B	12/27/06 11:18 / jl
Sulfate	42	mg/L		1		A4500-SO4 E	12/28/06 10:42 / jl
PHYSICAL PROPERTIES							
Conductivity	998	umhos/cm		1.0		A2510 B	12/23/06 16:06 / jl
pH	7.61	s.u.		0.01		A4500-H B	12/23/06 16:06 / jl
Solids, Total Dissolved TDS @ 180 C	562	mg/L		10		A2540 C	12/23/06 16:21 / jl
METALS - TOTAL							
Arsenic	0.001	mg/L		0.001		E200.8	12/29/06 15:10 / bas
Selenium	0.005	mg/L		0.001		E200.8	12/29/06 15:10 / bas
Uranium	0.0032	mg/L		0.0005		E200.8	12/29/06 15:10 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	7.0	pCi/L		1.0		E900.0	01/06/07 11:50 / res
Gross Alpha precision (±)	0.7	pCi/L				E900.0	01/06/07 11:50 / res
Gross Beta	6.1	pCi/L		2.0		E900.0	01/06/07 11:50 / res
Gross Beta precision (±)	1.5	pCi/L				E900.0	01/06/07 11:50 / res
Radium 226	ND	pCi/L		0.2		E903.0	01/14/07 13:32 / trs
Radium 228	ND	pCi/L		1.0		RA-05	01/08/07 11:37 / plj
Radon 222	378	pCi/L	H	100		D5072-92	12/26/06 12:10 / dpb
Radon 222 precision (±)	149	pCi/L	H			D5072-92	12/26/06 12:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level
ND - Not detected at the reporting limit.

B Environmental

2713 Houston Hwy
Victoria, Texas 77901

ph:(361) 572-8224
Fax:(361) 572 4115

B E Sample #: **105401**
Project Name: Anklam
Sample Location: Well
Sample Date: 04/26/2007
Sample Time: 10:44

Company: Goliad County Ground Water Dist.
Contact: Art Dohmann
Address: P O Box 562
Goliad TX 77963-0562

	results*	SDWA[1]	Method
pH (units)[3]	6.92	6.5-8.5	*SM 4500-H+B*
Electrical Conductivity (u mhos/cm)	933	NECL	*EPA 120.1*
Total Dissolved Solids[3]	467	500	*by meter*
Chloride[3]	132	250	*EPA 325.3*
Fluoride[2]	0.6	4 0	*Hach 8029*
Nitrate[2]	1.2	10	*Hach 8171*
Phosphate	0.38	NECL	*Hach 8048*
Sulfate[3]	47	250	*EPA 375 4*
Total Hardness	301	NECL	*SM 2340B*

	results*	SDWA[1]	Method
Arsenic[2]	<0.02	0.050	*EPA 200 7*
Barium[2]	0 090	2 000	*EPA 200 7*
Cadmium[2]	<0.002	0.005	*EPA 200.7*
Chromium[2]	<0.005	0 100	*EPA 200.7*
Copper[2]	<0.005	1 300**	*EPA 200.7*
Iron[3]	<0 01	0.300	*EPA 200.7*
Lead[2]	<0.01	0 015**	*EPA 200.7*
Mercury[2]	<0 0002	0.002	*EPA 245.1*
Selenium[2]	<0.03	0 050	*EPA 200.7*
Silver[3]	<0.007	0 100	*EPA 200 7*
Calcium	93.3	NECL	*EPA 200.7*
Magnesium	16.5	NECL	*EPA 200.7*
Sodium	124	NECL	*EPA 200.7*
Aluminum[3]	<0.01	0.05-0.2	*EPA 200.7*

** Results in mg/L (ppm), unless otherwise noted.*
*** Action Level.*
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Approved By:

Kevin C. Baros
General Manager

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B ENVIRONMENTAL
2713 Houston Hwy. Victoria, TX 77901 (361)572-8224

REPORT OF SAMPLE ANALYSIS

TO: Goliad County Ground Water Dist.
Art Dohmann
P O Box 562
Goliad, TX 77963-0562

Client Information		*Laboratory Information*	
Project:	Anklam	LAB Sample #	**105402**
Sample ID:	House Filter	Date Received:	04/26/07
Date Taken:	04/26/07	Time Received:	13:00
Time Taken:	10.44	Report Date	05/17/07

Parameter	Result	Units	RL	Blank	Run By	LCS	MS	MSD
ICP Metal Scan: Method SW 6010B / EPA 245.1								
Silver	<0.007	mg/L	0.007	<0.007	WEW	110	N/A	N/A
Aluminum	1.07	mg/L	0.01	<0.01	WEW	102	N/A	N/A
Arsenic	<0 05	mg/L	0 02	<0.02	WEW	106	N/A	N/A
Barium	0.109	mg/L	0.007	<0.007	WEW	111	N/A	N/A
Beryllium	<0 005	mg/L	0.002	<0.002	WEW	104	N/A	N/A
Calcium	96.5	mg/L	0.05	<0.05	WEW	113	N/A	N/A
Cadmium	<0 002	mg/L	0 002	<0 002	WEW	104	N/A	N/A
Cobalt	<0.005	mg/L	0.005	<0.005	WEW	102	N/A	N/A
Chromium	0.010	mg/L	0.005	<0 005	WEW	101	N/A	N/A
Copper	0.040	mg/L	0.005	<0.005	WEW	102	N/A	N/A
Iron	5 55	mg/L	0.01	<0.01	WEW	111	N/A	N/A
Potasium	3 41	mg/L	1 0	<1 0	WEW	111	N/A	N/A
Magnesium	16.2	mg/L	0.01	<0.01	WEW	113	N/A	N/A
Manganese	0.026	mg/L	0.005	<0.005	WEW	99 4	N/A	N/A
Molybdenum	<0.01	mg/L	0.007	<0.007	WEW	99 3	N/A	N/A
Sodium	120	mg/L	1.0	<1.0	WEW	115	N/A	N/A
Nickel	<0.007	mg/L	0 007	<0.007	WEW	97.1	N/A	N/A
Lead	<0.01	mg/L	0.01	<0.01	WEW	102	N/A	N/A
Antimony	<0.005	mg/L	0.005	<0.005	WEW	101	N/A	N/A
Selenium	<0 03	mg/L	0.03	<0.03	WEW	102	N/A	N/A
Thallium	<0.02	mg/L	0.03	<0.03	WEW	99.3	N/A	N/A
Vanadium	0.052	mg/L	0.005	<0.005	WEW	102	N/A	N/A
Zinc	0 128	mg/L	0.005	<0.005	WEW	104	N/A	N/A

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
SM- Standard Methods for the Examination of Water & Wastewater. 18th Ed , 1992
SM- Standard Methods for the Examination of Water & Wastewater, 18th Ed , 1992
SW- EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handook No 60

Approved By:

Kevin C. Baros
General Manager

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Water Study
Lab ID: C06120920-005
Client Sample ID: AA18481B-G Well 13

818 Euclid Ave Houston 77009
Bragquet Smith well

Report Date: 01/17/07
Collection Date: 12/18/06 14:15
DateReceived: 12/20/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	161	mg/L		1		A4500-Cl B	12/27/06 11:20 / jl
Sulfate	60	mg/L		1		A4500-SO4 E	12/26/06 10:47 / jl
PHYSICAL PROPERTIES							
Conductivity	1140	umhos/cm		1.0		A2510 B	12/22/06 14:29 / jaj
pH	7.56	s.u.		0.01		A4500-H B	12/22/06 14:29 / jaj
Solids, Total Dissolved TDS @ 180 C	616	mg/L		10		A2540 C	12/22/06 14:05 / tlh
METALS - TOTAL							
Arsenic	0.002	mg/L		0.001		E200.8	12/29/06 18:53 / bas
Selenium	0.016	mg/L	D	0.002		E200.8	12/29/06 18:53 / bas
Uranium	ND	mg/L		0.0003		E200.8	12/29/06 18:53 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	70.3	pCi/L		1.0		E900.0	01/06/07 11:50 / ras
Gross Alpha precision (±)	1.4	pCi/L				E900.0	01/06/07 11:50 / ras
Gross Beta	28.0	pCi/L		2.0		E900.0	01/06/07 11:50 / ras
Gross Beta precision (±)	1.8	pCi/L				E900.0	01/06/07 11:50 / ras
Radium 226	28.6	pCi/L		0.2		E903.0	01/14/07 15:33 / trs
Radium 226 precision (±)	1.8	pCi/L				E903.0	01/14/07 15:33 / trs
Radium 228	ND	pCi/L		1.0		RA-05	01/08/07 11:37 / pjj
Radon 222	14700	pCi/L	H	100		D5072-92	12/28/06 12:10 / dpb
Radon 222 precision (±)	288	pCi/L	H			D5072-92	12/28/06 12:10 / dpb

Leased to Conway
414 Karnes Rd
Goliad, TX 77963
645-3959

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
H - Analysis performed past recommended holding time.

LABORATORY ANALYTICAL REPORT

Client:	San Antonio River Authority	**Report Date:**	01/17/07
Project:	Goliad County Water Study	**Collection Date:**	12/18/06 15:45
Lab ID:	C06120920-007	**DateReceived:**	12/20/06
Client Sample ID:	AA18483B-G Well 15 Breedon House Well 77 Stirrup Vact, TX 77905	**Matrix:**	Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	129	mg/L		1		A4500-Cl B	12/27/06 11:23 / jl
Sulfate	38	mg/L		1		A4500-SO4 E	12/26/06 10:51 / ljl
PHYSICAL PROPERTIES							
Conductivity	928	umhos/cm		1.0		A2510 B	12/22/06 14:36 / jaj
pH	7.35	s.u.		0.01		A4500-H B	12/22/06 14:36 / jaj
Solids, Total Dissolved TDS @ 180 C	572	mg/L		10		A2540 C	12/22/06 14:07 / llh
METALS - TOTAL							
Arsenic	0.010	mg/L		0.001		E200.8	12/29/06 19:08 / bas
Selenium	0.015	mg/L		0.001		E200.8	12/29/06 19:08 / bas
Uranium	0.0064	mg/L		0.0003		E200.8	12/29/06 19:08 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	40.0	pCi/L		1.0		E900.0	01/06/07 11:51 / res
Gross Alpha precision (±)	1.2	pCi/L				E900.0	01/06/07 11:51 / res
Gross Beta	13.1	pCi/L		2.0		E900.0	01/06/07 11:51 / res
Gross Beta precision (±)	1.6	pCi/L				E900.0	01/06/07 11:51 / res
Radium 226	12.0	pCi/L		0.2		E903.0	01/14/07 17:27 / trs
Radium 226 precision (±)	1.2	pCi/L				E903.0	01/14/07 17:27 / trs
Radium 228	ND	pCi/L		1.0		RA-05	01/08/07 11:37 / plj
Radon 222	3150	pCi/L	H	100		D5072-92	12/26/06 12:10 / dpb
Radon 222 precision (±)	179	pCi/L	H			D5072-92	12/26/06 12:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

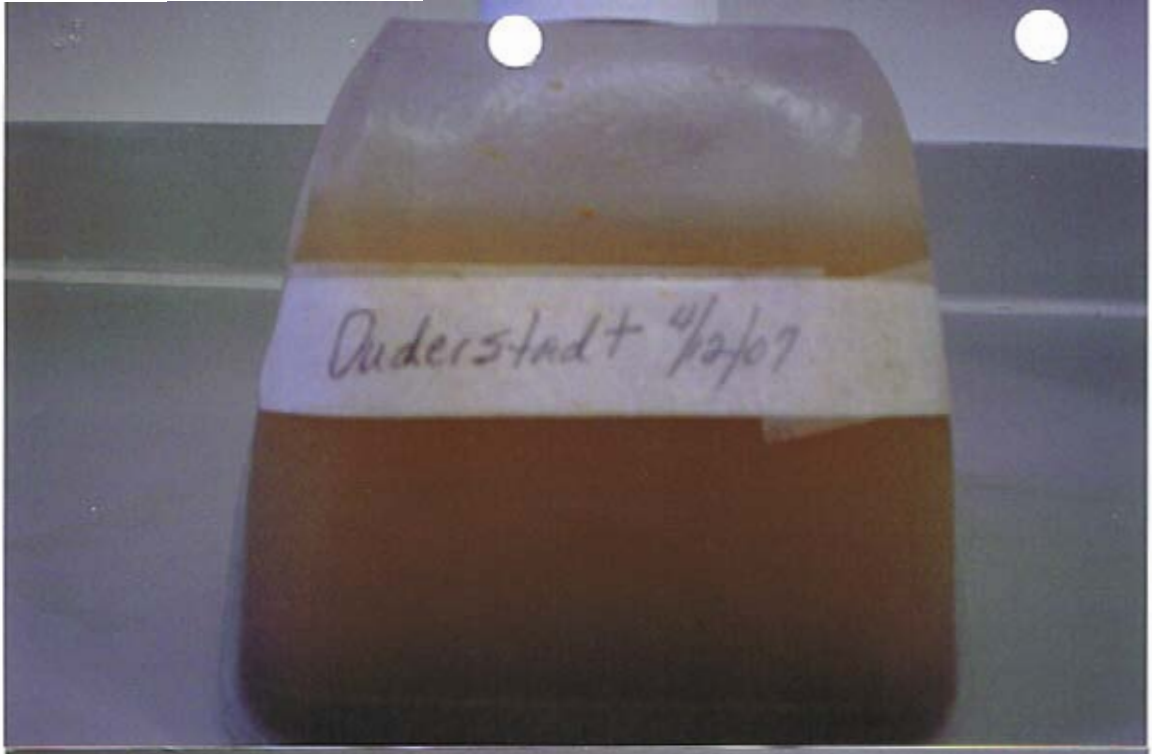
LABORATORY ANALYTICAL REPORT

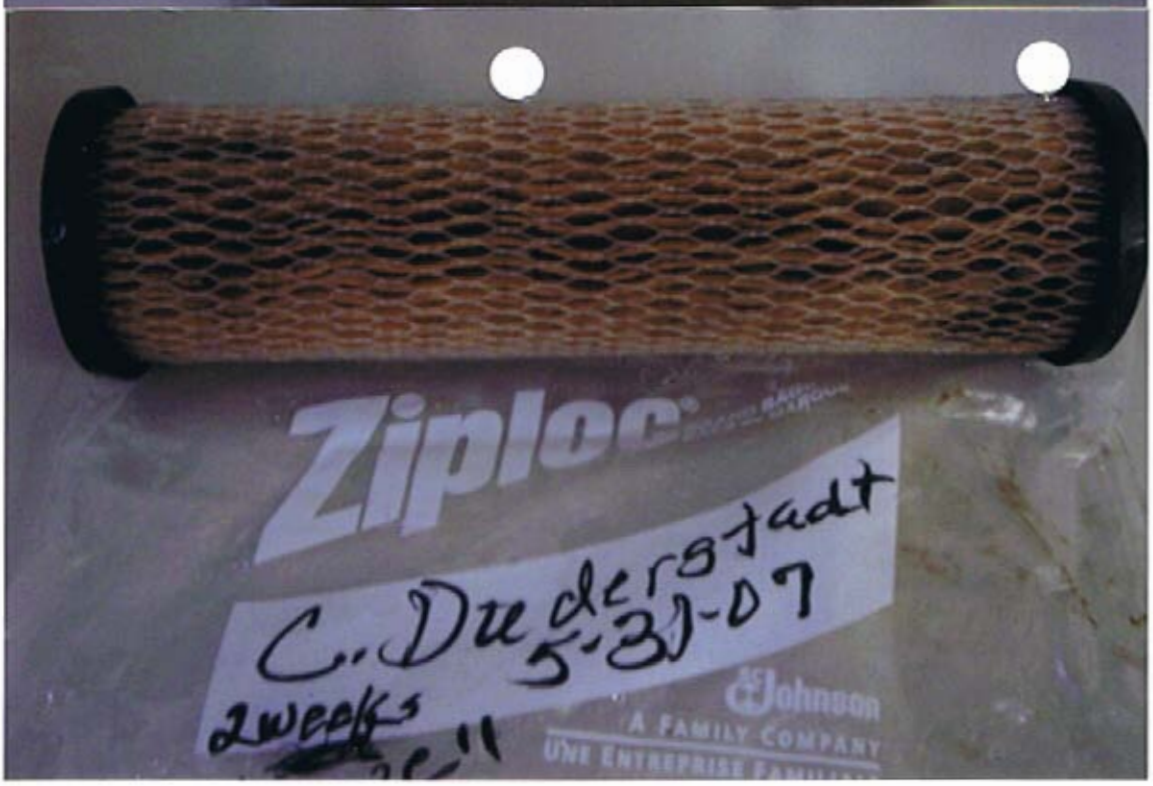
Client: San Antonio River Authority
Project: Goliad County Water Study
Lab ID: C06120920-006
Client Sample ID: AA18462B-G Well 14 Bethke well

Report Date: 01/17/07
Collection Date: 12/18/06 14:50
DateReceived: 12/20/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	403	mg/L		1		A4500-Cl B	12/27/06 11:21 / jj
Sulfate	107	mg/L	D	1		A4500-SO4 E	12/26/06 10:49 / jjl
PHYSICAL PROPERTIES							
Conductivity	2040	umhos/cm		1.0		A2510 B	12/22/06 14:32 / jaj
pH	7.46	s.u.		0.01		A4500-H B	12/22/06 14:32 / jaj
Solids, Total Dissolved TDS @ 180 C	1210	mg/L		10		A2540 C	12/22/06 14:06 / tth
METALS - TOTAL							
Arsenic	ND	mg/L		0.001		E200.8	12/29/06 19:01 / bas
Selenium	0.005	mg/L		0.001		E200.8	12/29/06 19:01 / bas
Uranium	0.0005	mg/L		0.0003		E200.8	12/29/06 19:01 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	189	pCi/L		1.0		E900.0	01/07/07 04:47 / res
Gross Alpha precision (±)	2.4	pCi/L				E900.0	01/07/07 04:47 / res
Gross Beta	62.2	pCi/L		2.0		E900.0	01/07/07 04:47 / res
Gross Beta precision (±)	2.5	pCi/L				E900.0	01/07/07 04:47 / res
Radium 226	96.2	pCi/L		0.2		E903.0	01/14/07 16:27 / trs
Radium 226 precision (±)	3.4	pCi/L				E903.0	01/14/07 16:27 / trs
Radium 228	ND	pCi/L		1.0		RA-05	01/08/07 11:37 / pjj
Radon 222	17200	pCi/L	H	100		D5072-92	12/26/06 12:10 / dpb
Radon 222 precision (±)	298	pCi/L	H			D5072-92	12/26/06 12:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
H - Analysis performed past recommended holding time


Ouderstadt 4/22/07


Ziploc
C. Ouderstadt
5-31-07
2 weeks
Johnson
A FAMILY COMPANY

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad Groundwater Study
Lab ID: C06120717-006
Client Sample ID: AA18372 B-G Well 6 Craig Understedt-Despues

Report Date: 01/08/07
Collection Date: 12/15/06 10:00
DateReceived: 12/16/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	341	mg/L		1		A2320 B	12/18/06 09:16 / jaj
Carbonate as CO3	ND	mg/L		1		A2320 B	12/18/06 09:16 / jaj
Bicarbonate as HCO3	416	mg/L		1		A2320 B	12/18/06 09:16 / jaj
Hydroxide as OH	ND	mg/L		1		A2320 B	12/18/06 09:16 / jaj
Calcium	142	mg/L		0.5		E200.7	01/02/07 17:48 / cp
Chloride	128	mg/L		1		E200.7	01/02/07 16:06 / cp
Magnesium	7.9	mg/L		0.5		E200.7	01/02/07 17:48 / cp
Potassium	2.02	mg/L	D	0.08		E200.7	01/02/07 17:48 / cp
Silica	32.0	mg/L		0.1		E200.7	01/02/07 16:06 / cp
Sodium	60.5	mg/L		0.5		E200.7	01/02/07 17:48 / cp
Sulfate	27	mg/L		1		E200.7	01/02/07 17:48 / cp
PHYSICAL PROPERTIES							
Conductivity	1070	umhos/cm		1.0		A2510 B	12/18/06 11:30 / ijl
SOLIDS, TOTAL DISSOLVED - CALCULATED							
Solids, Total Dissolved Calculated	600	mg/L				Calculation	01/08/07 09:32 / dab
METALS - TOTAL							
Arsenic	0.003	mg/L		0.001		E200.8	12/18/06 21:13 / bas
Cadmium	ND	mg/L		0.0005		E200.8	12/18/06 21:13 / bas
Iron	ND	mg/L		0.03		E200.7	01/02/07 17:48 / cp
Lead	ND	mg/L		0.001		E200.8	12/18/06 21:13 / bas
Manganese	ND	mg/L		0.001		E200.8	12/18/06 21:13 / bas
Mercury	ND	mg/L		0.0005		E200.8	12/18/06 21:13 / bas
Molybdenum	ND	mg/L		0.001		E200.8	12/18/06 21:13 / bas
Selenium	0.004	mg/L		0.001		E200.8	12/18/06 21:13 / bas
Uranium	0.0045	mg/L		0.0003		E200.8	12/18/06 21:13 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	3.7	pCi/L		1.0		E900.0	12/31/06 00:58 / res
Gross Alpha precision (±)	0.5	pCi/L				E900.0	12/31/06 00:58 / res
Radium 226	0.4	pCi/L		0.2		E903.0	01/02/07 13:27 / trs
Radium 226 precision (±)	0.3	pCi/L				E903.0	01/02/07 13:27 / trs
Radium 228	ND	pCi/L		1.0		RA-05	12/28/06 17:49 / pj
Radon 222	195	pCi/L		100		D5072-92	12/18/06 12:19 / dpb
Radon 222 precision (±)	58.1	pCi/L				D5072-92	12/18/06 12:19 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

B Environmental

2713 Houston Hwy
Victoria, Texas 77901

ph:(361) 572-8224
Fax:(361) 572 4115

B E Sample #: **105403**
Project Name: Duderstadt
Sample Location: Well
Sample Date: 04/26/2007
Sample Time: 11:05

Company: Goliad County Ground Water Dist
Contact: Art Dohmann
Address: P O Box 562
Goliad TX 77963-0562

	results*	SDWA[1]	Method
pH (units)[3]	6 62	6.5-8.5	*SM 4500-H+B*
Electrical Conductivity (umhos/cm)	1,055	NECL	*EPA 120.1*
Total Dissolved Solids[3]	527	500	*by meter*
Chloride[3]	110	250	*EPA 325.3*
Fluoride[2]	0.3	4.0	*Hach 8029*
Nitrate[2]	12.5	10	*Hach 8171*
Phosphate	0.30	NECL	*Hach 8048*
Sulfate[3]	42	250	*EPA 375.4*
Total Hardness	460	NECL	*SM 2340B*

	results*	SDWA[1]	Method
Arsenic[2]	<0.02	0.050	*EPA 200.7*
Barium[2]	0.399	2 000	*EPA 200.7*
Cadmium[2]	<0.002	0.005	*EPA 200.7*
Chromium[2]	<0.005	0.100	*EPA 200.7*
Copper[2]	<0.005	1 300**	*EPA 200 7*
Iron[3]	<0.01	0.300	*EPA 200.7*
Lead[2]	<0.01	0 015**	*EPA 200.7*
Mercury[2]	<0.0002	0.002	*EPA 245.1*
Selenium[2]	<0.03	0 050	*EPA 200.7*
Silver[3]	<0.007	0 100	*EPA 200.7*
Calcium	169	NECL	*EPA 200.7*
Magnesium	9 22	NECL	*EPA 200.7*
Sodium	84.0	NECL	*EPA 200 7*
Aluminum[3]	<0.01	0.05-0.2	*EPA 200.7*

** Results in mg/L (ppm), unless otherwise noted.*
*** Action Level.*
1 - Safe Drinking Water Act, Maximum Contaminant Level. Water supplied by municipal source.
2 - National Primary Drinking Water Standards (enforceable).
3 - National Secondary Drinking Water Standard (not enforceable).
NECL - No established contaminant level.

Approved By:

Kevin C. Baros
General Manager

Test procedures used for this study were conducted in accordance with state and federal methods. However, the results contained on this report are for screening purposes only. If test results are outside of accepted SDWA guidelines, further testing may be requested. Contact your local county extension office or B Environmental with inquiries.

B ENVIRONMENTAL
2713 Houston Hwy Victoria, TX 77901 (361)572-8224

REPORT OF SAMPLE ANALYSIS

TO: Goliad County Ground Water Dist.
Art Dohmann
P O Box 562
Goliad, TX 77963-0562

Client Information		*Laboratory Information*	
Project:	Duderstadt	LAB Sample #	**105404**
Sample ID:	Filter	Date Received:	04/26/07
Date Taken:	04/26/07	Time Received:	13:00
Time Taken:	11:00	Report Date:	05/17/07

Parameter	Result	Units	RL	Blank	Run By	LCS	MS	MSD
ICP Metal Scan: Method SW 6010B / EPA 245.1								
Silver	<0.007	mg/L	0.007	<0.007	WEW	108	N/A	N/A
Aluminum	0.01	mg/L	0.01	<0.01	WEW	104	N/A	N/A
Arsenic	<0 02	mg/L	0.02	<0.02	WEW	104	N/A	N/A
Barium	0.389	mg/L	0.007	<0.007	WEW	108	N/A	N/A
Beryllium	<0.002	mg/L	0.002	<0.002	WEW	101	N/A	N/A
Calcium	166	mg/L	0.05	<0 05	WEW	111	N/A	N/A
Cadmium	<0.002	mg/L	0.002	<0.002	WEW	102	N/A	N/A
Cobalt	<0.005	mg/L	0 005	<0.005	WEW	100	N/A	N/A
Chromium	<0.005	mg/L	0 005	<0.005	WEW	99.2	N/A	N/A
Copper	<0.005	mg/L	0.005	<0.005	WEW	101	N/A	N/A
Iron	0.45	mg/L	0.01	<0.01	WEW	108	N/A	N/A
Potasium	2.02	mg/L	1.0	<1.0	WEW	113	N/A	N/A
Magnesium	8.99	mg/L	0.01	<0.01	WEW	109	N/A	N/A
Manganese	<0.005	mg/L	0 005	<0 005	WEW	98	N/A	N/A
Molybdenum	<0.007	mg/L	0.007	<0.007	WEW	96.4	N/A	N/A
Sodium	78.1	mg/L	1 0	<1.0	WEW	113	N/A	N/A
Nickel	<0.007	mg/L	0.007	<0.007	WEW	95.2	N/A	N/A
Lead	<0.01	mg/L	0.01	<0.01	WEW	99 5	N/A	N/A
Antimony	<0.005	mg/L	0.005	<0.005	WEW	98.1	N/A	N/A
Selenium	<0.03	mg/L	0.03	<0.03	WEW	104	N/A	N/A
Thallium	<0.02	mg/L	0.03	<0.03	WEW	97.1	N/A	N/A
Vanadium	0 051	mg/L	0 005	<0 005	WEW	102	N/A	N/A
Zinc	0.017	mg/L	0.005	<0.005	WEW	101	N/A	N/A

Method References.
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
SM- Standard Methods for the Examination of Water & Wastewater, 18th Ed., 1992
SM- Standard Methods for the Examination of Water & Wastewater, 18th Ed., 1992
Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
artment of Agriculture Handook No 60

Approved By:

Kevin C. Baros
General Manager

B ENVIRONMENTAL
2713 Houston Hwy. Victoria, TX 77901 (361)572-8224

REPORT OF SAMPLE ANALYSIS

TO: Goliad County Ground Water Dist.
Art Dohmann
P O Box 562
Goliad, TX 77963-0562

Client Information		*Laboratory Information*	
Project:	Duderstadt	LAB Sample #	**105405**
Sample ID:	Sediment	Date Received.	04/26/07
Date Taken.		Time Received:	13:00
Time Taken		Report Date.	05/17/07

Parameter	Result	Units	RL	Blank	Run By	LCS	MS	MSD
ICP Metal Scan: Method SW 6010B / EPA 245.1								
Silver	<0 007	mg/L	0.007	<0 007	WEW	108	N/A	N/A
Aluminum	1.35	mg/L	0.01	<0.01	WEW	104	N/A	N/A
Arsenic	<0.02	mg/L	0.02	<0.02	WEW	104	N/A	N/A
Barium	0.344	mg/L	0.007	<0.007	WEW	108	N/A	N/A
Beryllium	<0.002	mg/L	0.002	<0.002	WEW	101	N/A	N/A
Calcium	95.0	mg/L	0.05	<0.05	WEW	111	N/A	N/A
Cadmium	<0.002	mg/L	0.002	<0.002	WEW	102	N/A	N/A
Cobalt	<0.005	mg/L	0.005	<0 005	WEW	100	N/A	N/A
Chromium	0.029	mg/L	0.005	<0.005	WEW	99.2	N/A	N/A
Copper	0.185	mg/L	0.005	<0.005	WEW	101	N/A	N/A
Iron	24.8	mg/L	0.01	<0.01	WEW	108	N/A	N/A
Potasium	2.11	mg/L	1.0	<1.0	WEW	113	N/A	N/A
Magnesium	8.17	mg/L	0.01	<0.01	WEW	109	N/A	N/A
Manganese	0 109	mg/L	0.005	<0.005	WEW	98	N/A	N/A
Molybdenum	<0.007	mg/L	0.007	<0.007	WEW	96.4	N/A	N/A
Sodium	68 6	mg/L	1.0	<1.0	WEW	113	N/A	N/A
Nickel	<0.007	mg/L	0.007	<0 007	WEW	95 2	N/A	N/A
Lead	<0 01	mg/L	0.01	<0.01	WEW	99.5	N/A	N/A
Antimony	<0.005	mg/L	0.005	<0.005	WEW	98.1	N/A	N/A
Selenium	<0.03	mg/L	0.03	<0.03	WEW	104	N/A	N/A
Thallium	<0.02	mg/L	0.03	<0 03	WEW	97 1	N/A	N/A
Vanadium	0.093	mg/L	0.005	<0.005	WEW	102	N/A	N/A
Zinc	0.112	mg/L	0.005	<0.005	WEW	101	N/A	N/A

Method References:
Black, C.A. et al (ed.) Methods of Soil Analysis, 1965
SM- Standard Methods for the Examination of Water & Wastewater, 18th Ed., 1992
SM- Standard Methods for the Examination of Water & Wastewater, 18th Ed., 1992
SW- EPA Test Methods for Evaluating Solid Waste, SW-846 3rd Edition, 1986
U.S. Department of Agriculture Handook No 60

Approved By:

Kevin C. Baros
General Manager

LABORATORY ANALYTICAL REPORT

Client: San Antonio River Authority
Project: Goliad County Water Study
Lab ID: C06120920-004
Client Sample ID: AA18480B-G Well 12

Report Date: 01/17/07
Collection Date: 12/18/06 13:05
DateReceived: 12/20/06
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Chloride	185	mg/L		1		A4500-Cl B	12/27/06 11:19 / jl
Sulfate	58	mg/L		1		A4500-SO4 E	12/26/06 10:44 / ij
PHYSICAL PROPERTIES							
Conductivity	1140	umhos/cm		1.0		A2510 B	12/22/06 14:27 / jaj
pH	7.68	s.u.		0.01		A4500-H B	12/22/06 14:27 / jaj
Solids, Total Dissolved TDS @ 180 C	684	mg/L		10		A2540 C	12/22/06 14:04 / tih
METALS - TOTAL							
Arsenic	0.002	mg/L		0.001		E200.8	12/29/06 18:46 / bas
Selenium	0.002	mg/L		0.001		E200.8	12/29/06 18:46 / bas
Uranium	0.0038	mg/L		0.0003		E200.8	12/29/06 18:46 / bas
RADIONUCLIDES - TOTAL							
Gross Alpha	8.0	pCi/L		1.0		E900.0	01/06/07 11:50 / rss
Gross Alpha precision (±)	0.7	pCi/L				E900.0	01/06/07 11:50 / rss
Gross Beta	5.1	pCi/L		2.0		E900.0	01/06/07 11:50 / rss
Gross Beta precision (±)	1.5	pCi/L				E900.0	01/06/07 11:50 / rss
Radium 226	0.7	pCi/L		0.2		E903.0	01/14/07 14:32 / trs
Radium 226 precision (±)	0.3	pCi/L				E903.0	01/14/07 14:32 / trs
Radium 228	ND	pCi/L		1.0		RA-05	01/08/07 11:37 / plj
Radon 222	500	pCi/L	H	100		D5072-92	12/26/06 12:10 / dpb
Radon 222 precision (±)	154	pCi/L	H			D5072-92	12/26/06 12:10 / dpb

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
H - Analysis performed past recommended holding time.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

B Environmental

2713 Houston Hwy
Victoria, Texas 77901

ph:(361) 572-8224
Fax.(361) 572 4115

B E Sample #: **105406**
Project Name: Long
Sample Location. Well
Sample Date: 04/26/2007
Sample Time: 11:24

Company: Goliad County Ground Water Dist.
Contact: Art Dohmann
Address: P O Box 562
Goliad TX 77963-0562

	results*	SDWA[1]	Method
pH (units)[3]	6.85	6 5-8.5	*SM 4500-H+B*
Electrical Conductivity (u mhos/cm)	1,052	NECL	*EPA 120.1*
Total Dissolved Solids[3]	526	500	*by meter*
Chloride[3]	158	250	*EPA 325.3*
Fluoride[2]	0 5	4.0	*Hach 8029*
Nitrate[2]	0 7	10	*Hach 8171*
Phosphate	0 24	NECL	*Hach 8048*
Sulfate[3]	64	250	*EPA 375.4*
Total Hardness	357	NECL	*SM 2340B*

	results*	SDWA[1]	Method
Arsenic[2]	<0.02	0 050	*EPA 200.7*
Barium[2]	0.062	2.000	*EPA 200.7*
Cadmium[2]	<0.002	0 005	*EPA 200.7*
Chromium[2]	<0.005	0.100	*EPA 200.7*
Copper[2]	<0.005	1.300**	*EPA 200.7*
Iron[3]	<0 01	0.300	*EPA 200.7*
Lead[2]	<0 01	0.015**	*EPA 200.7*
Mercury[2]	<0.0002	0.002	*EPA 245 1*
Selenium[2]	<0 03	0.050	*EPA 200.7*
Silver[3]	<0 007	0.100	*EPA 200.7*
Calcium	112	NECL	*EPA 200.7*
Magnesium	18.8	NECL	*EPA 200.7*
Sodium	117	NECL	*EPA 200.7*
Aluminum[3]	<0 01	0 05-0.2	*EPA 200.7*

** Results in mg/L (ppm), unless otherwise noted.*
*** Action Level.*
1 - Safe Drinking Water Act, Maximum Contaminant Level. Water supplied by municipal source.
2 - National Primary Drinking Water Standards (enforceable).
3 - National Secondary Drinking Water Standard (not enforceable).
NECL - No established contaminant level.

Approved By:

Kevin C. Baros
General Manager

Test procedures used for this study were conducted in accordance with state and federal methods. However, the results contained on this report are for screening purposes only. If test results are outside of accepted SDWA guidelines, further testing may be requested. Contact your local county extension office or B Environmental with inquiries.